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1 Graphical multiscale Web histories: a study of padprints
Ron R. Hightower, Laura T. Ring, Jonathan I. Helfman, Benjamin B. Bederson, James D. Hollan
May 1998 **Proceedings of the ninth ACM conference on Hypertext and hypermedia : links, objects, time and space---structure in hypermedia systems** **HYPertext '98**
Publisher: ACM Press
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PadPrints: graphical multiscale Web histories

Ron R. Hightower, Laura T. Ring, Jonathan C. Hightower

November 1998 Proceedings of the 11th annual ACM symposium on User interface software

Dynamical - ... ACM Drama

Keywords: Pad++, Web Browser, Web navigation, World Wide Web, hypertext, information visualization, multiscale interfaces, zooming user interface

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**boards**

Toshiya Yamada, Jun Shingu, Elizabeth Churchill, Les Nelson, Jonathan Helfman, Paul Murphy
 October 2004 **Proceedings of the 17th annual ACM symposium on User interface software and technology UIST '04**

Publisher: ACM Press

Full text available: pdf(421.18 KB)

Additional Information: full citation, abstract, references, index terms

In this paper, we describe the Yeti information sharing system that has been designed to foster community building through informal digital content sharing. The Yeti system is a general information parsing, hosting and distribution infrastructure, with interfaces designed for individual and public content reading. In this paper we describe the Yeti public display interface, with a particular focus on tools we have designed to provide lightweight awareness of others' interactions with posted c ...

Keywords: annotation, distant communities, information sharing, public commentary, situated display, video capturing

4 Late breaking result papers: Gooey interfaces: an approach for rapidly repurposing digital content

Les Nelson, Elizabeth F. Churchill, Laurent Denoue, Jonathan Helfman, Paul Murphy

April 2004

CHI '04 extended abstracts on Human factors in computing systems CHI '04

Publisher: ACM Press

Full text available: pdf(314.03 KB)

Additional Information: full citation, abstract, references, citations, index terms

With the acceleration of technological development we are reaching the point where our systems and their user interfaces become to some degree outdated 'legacy systems' as soon as they are released. This raises the question of how can we maintain, extend, override, and adapt these systems while preserving what people depend on in them? In this paper we describe an approach for dynamically restructuring user interfaces into a set of communicating processes that 1) provide methods for changing the ...

Keywords: content repurposing, interactive public displays

5 Interactive systems in public places: Sharing multimedia content with interactive public displays: a case study

Elizabeth F. Churchill, Les Nelson, Laurent Denoue, Jonathan Helfman, Paul Murphy

August 2004 **Proceedings of the 5th conference on Designing interactive systems: processes, practices, methods, and techniques DIS '04**

Publisher: ACM

Full text available: pdf(478.03 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Plasma Posters are large screen, digital, interactive poster-boards situated in public spaces, designed to facilitate informal content sharing within teams, groups, organizations and communities. While interest i

interactive community poster boards has grown recently, few successful examples have been reported. In this paper we describe an ongoing installation of Plasma Posters within our organization, and report qualitative and quantitative data from 20 months of use showing the Posters have be ...

Keywords: adoption, community, evaluation, information encountering, interactive public displays, social capital

6 [Late breaking result papers: Digital graffiti: public annotation of multimedia content](#)

Scott Carter, Elizabeth Churchill, Laurent Denoue, Jonathan Helfman, Les Nelson

April 2004 **CHI '04 extended abstracts on Human factors in computing systems CHI '04**

Publisher: ACM Press

Full text available:  [pdf\(318.91 KB\)](#)

Additional Information: full citation, abstract, references, citations, index terms

Our physical environment is increasingly filled with multimedia content on situated, community public displays. We are designing methods for people to post and acquire digital information to and from public digital displays, and to modify and annotate previously posted content to create publicly observable threads. We support in-the-moment and on-site "person-to-place-to-people-to-persons" content interaction, annotation, augmentation and publication. We draw design inspiration from field work o ...

Keywords: annotation, blogging, digital community poster boards, threaded discussion

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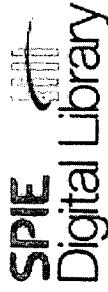
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IEEE/ET journals, transactions, letters, magazines, conference proceedings, and standards.

[1. Web page caricatures: multimedia summaries for WWW documents](#)

Wynblatt, M.; Benson, D.;
Multimedia Computing and Systems, 1998. Proceedings. IEEE International Conference on
28 June-1 July 1998 Pages(s): 194 - 199
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Image representations for accessing and organizing Web information

Jonathan I. Helfman and James D. Holland

Proc. SPIE 4311, 91 (2000) **Full Text:** [PDF (502 kB)] (11 pages)

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1. **Investigations to monitor laser-induced thermotherapy (LITT) of breast tumors with photon density waves (PDW)**

I. Mesecke-von Rheinbaben, Andre Roggan, Y. Helfman, Uwe Netz, and G. Mueller
Proc. SPIE 3601, 482 (1999) **Full Text:** [PDF (1200 kB)] (4 pages)

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